# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 21 Jul 2023 until 23:59 on Saturday 22 Jul 2023

Forecast Issued on Thursday 20 Jul 2023 at 15:36

**Confidence:** High for unsettled theme. Moderate for arrival timing of rain from the west late on Friday into Saturday, but high for a grey and wet day to follow, easing away Sunday. Confidence becoming low for details by Monday.

**Headline for Friday 21 Jul 2023:** Largely cloudy with occasional showers possible. Rather cool.

**Mountain weather hazards on Friday 21 Jul 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

**Weather and chance of precipitation at 600m**

| Time | | | | | | | |
|---|---|---|---|---|---|---|---|
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Cloudy | Cloudy | Cloudy | Light rain | Light rain | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | | | |
| 10% | 10% | 10% | 30% | 30% | 20% | 20% | 30% |

**Forecast for Friday 21 Jul 2023**

**Weather:** A mixture of variable cloud amounts and occasional showers with the odd heavier burst. Best chances of staying dry to the east, with perhaps the odd brighter spell during the afternoon.

**Chance of cloud-free hill tops above 600m:** 60% in west. 80% in east.

**Low cloud and visibility:** Areas of cloud obscuring tops above 600m throughout, but some clearer intervals possible, especially in the east. Outside of cloud visibility is expected to remain good, but falling to moderate in any occasional showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

# Met Office Mountain Weather Forecast

**Forecast for Friday 21 Jul 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/15 W | 12/16 W | 12/16 W | 12/17 W | 16/22 W | 18/25 W | 16/22 W | 13/18 W | 14/19 SW |
| **300** | 8/12 W | 8/12 W | 9/13 W | 10/14 W | 12/18 W | 14/22 W | 12/19 W | 9/14 W | 9/15 SW |
| **Valley** | 3/10 W | 4/10 W | 5/11 W | 7/14 W | 9/18 W | 12/23 W | 10/19 W | 6/13 W | 6/14 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/6 | 9/6 | 9/6 | 9/7 | 10/7 | 11/8 | 10/7 | 9/7 | 9/6 |
| **300** | 11/10 | 11/9 | 11/9 | 12/10 | 12/10 | 14/12 | 13/11 | 12/10 | 11/10 |
| **Valley** | 11/11 | 11/11 | 12/11 | 13/12 | 14/12 | 15/13 | 14/12 | 12/11 | 12/11 |
| **Freezing Level*** | 1900m | 2000m | 1900m | 1900m | 2100m | 2100m | 2200m | 2300m | 2300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Reasonable hill walking conditions at low levels, with only the odd shower expected. Views will likely be obscured at height, however, with cloud widespread across the tops.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 20 Jul 2023 | 0mm | 7.2mm | 13.6mm |

**Forecast for Saturday 22 Jul 2023**

**Weather:** Wet and breezy, with persistent rain for much of the day, heavy at times. Cloud obscuring most routes.

**Maximum wind:** Westerly 20mph gusting 30-35mph.

**Chance of cloud-free hill tops above 600m:** Less than 10%

**Low cloud and visibility:** Widespread cloud obscuring tops above 500m. Some patches as low as 300m, especially during heavier rain. Otherwise moderate to poor visibility for much of the day

**Temperature:** **Valleys:** Plus 12 Celsius rising to Plus 18 Celsius
**At 600m:** Plus 10 Celsius
**Freezing level:** Above summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.